



TEACHER CERTIFICATION

A Guide To Graduation

In an attempt to prevent some underclassmen from making the same mistakes in the selection of courses as many seniors now realize they have done, and to answer some of the questions frequently asked by underclassmen, I am using this publication as a means to explain the requirements for graduation and certification.

It should be stated at this point that if you intend to teach on the elementary level, you need not concern yourself with any curriculum planning, because the college program automatically provides all the courses required both for graduation and certification as an elementary teacher.

Directing my attention to those who are the primary reason for this article, the secondary students, I offer the following information:

A. In order to graduate, a student in the secondary program must have acquired a minimum of 24 semester hours in a major subject matter specialty, and 18 semester hours in a minor subject matter specialty. This means simply that each incoming freshman must decide what subject matter areas — English, French, science, mathematics, history, or social studies—he wishes to pursue. He then must make sure his elective courses pertain to that area when making out his schedule each semester, in order to insure that he will accumulate a sufficient number of credits.

Social studies majors have the advantage of gaining 18 semester hours towards completion of their specialty simply by virtue of combining the required history, government, and geography courses offered during the freshmen and sophomore years. Obviously these students can fulfill the requirements for a college major by merely taking a minimum of 6 hours of history or geography electives.

In the areas of English and science, a student acquires at least 12 semester hours automatically by the end of the sophomore year, because these two are required subjects. Therefore, a student with a planned major in any of these areas can exercise greater freedom in choosing his minor electives.

It is important to remember that once you have determined what two subject matter specialties you decide to take freshmen year that you stay with them until you have accumulated an adequate number of credits to insure graduation. I assure you that most students have little difficulty in completing the school requirements as long as they avoid "elective switching."

B. In order to teach in the State of Massachusetts, an individual must now hold a Teacher's Certificate. The requirements for this certificate differ considerably from those of the college; therefore, I will present them in outline form.

General Requirements

1. Baccalaureate Degree (four years).

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Scholarship Tea

In the past we have had just a tea, but this year's tea will be based on the core curriculum.

The history majors, through the co-operation of the United States Navy and the American Archeological Society, will be served some of the original tea from the famed party held in Boston. Mr. Diamond tells us it is salty, but because it is historical, they will be happy. (It will be a wonderful learning experience for them).

The math majors will be asked to construct a chart showing the decline in brewing power as the bag is re-used.

The science people will be furnished the use of the laboratory to analyze the content of their brew. This analysis will also be a wonderful opportunity to check the purity of the school's water supply.

No provision will be made for the French majors, who prefer "vin ordinaire" to the English tea.

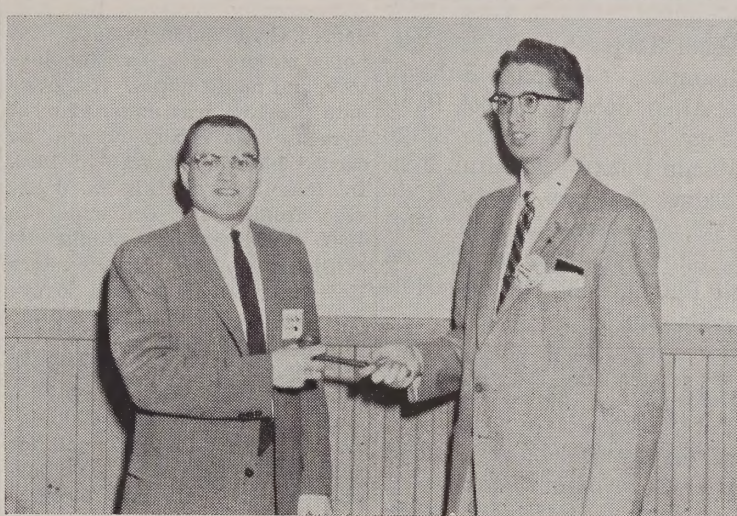
As they sip their tea, the English majors will be in their glory. Upperclassmen will read such literary gems as: "Alice's Tea Party," "Tea and Sympathy," and "Arsenic and Old Lace." (a short drama).

Should there be any unenlightened graduates from a "Liberal Arts School," they might just sit and sip and completely disregard our tea party type core curriculum enrichment experience. In closing, as the ads say, "Take tea and see the show."

P. D.

ANYONE FOR TENNIS??

The tennis nets are up and the time has come to get out and belt the ball around. If anyone is interested in the formation of an "unofficial" team contact K. Gustofson (Jr. Sec. II) or B. Pano (Jr. Sec. II). If enough interest is aroused we might have matches within the school and possibly with other schools. Immediate response to this request is necessary so that we might get a schedule set up for the matches.



John Proctor, outgoing President of the Student Teachers Education Association of Mass. from Northeastern Univ., presents the gavel to Howard Dimmick of Worcester State Teachers College, the newly elected President, at the Conference at Lesley College in Cambridge.

Student Teachers Education Association Elects Howard Dimmick President

On Saturday, March 26, the Student Teachers Education Association of Massachusetts (STEAM) held its spring convention at Lesley College in Cambridge, Massachusetts. The theme of the Conference was **The Exceptional Child**. Dr. Nicholas J. Wells of the State Department of Special Education gave the keynote address. In his address, he gave a brief history of the development of this Department, from the mid 1800's to the present, and a look into what the future held for the Department.

After the address, the members present were divided into three groups for a series of discussions on (1) the Mentally Retarded Child, (2) the Physically Handicapped Child, and (3) the Gifted Child, each led by a consultant in the field who has actually worked with these kinds of students.

The afternoon session consisted of the showing of a film produced by Yale University on their research project involving the teaching of reading to pre-school children through the use of an electric typewriter.

This was followed by the business session during which the present STEAM Constitution was amended, and the Worcester State Teachers College presented their proposed STEAM code of ethics. This code will be taken to San Diego, California this summer and presented at the Student National Education Associations National Leadership Convention by the new president.

The election of officers for the coming year was the last order of business for the day. After due process, the following slate of officers was elected for the 1960-1961 year:

President Howard Dimmick, Jr. - Worcester State Teachers College; Vice-Pres. Agnes Pel-tier, Jr.-Univ. of Mass.; Sec. Ju-

dith Graff, Jr.-Univ. of Mass.; Treasurer Donna Zolov, Jr.-Emerson College; Historian Leonard Trainer, Jr. - Northeastern University.

As State President, Howard Dimmick will represent Massachusetts at the SNEA Conference in San Diego June 17-21, the TEPS Conference in San Diego June 21-24, and the NEA Conference in Los Angeles June 25-July 1.

The Publications Committee was given to WSTC, as it has been the custom of awarding it to the President's Chapter, and Mr. Dimmick has since appointed John Gaumond as the Editor for the coming year.

A. C. E. Mother-Daughter Banquet

The Association for Childhood Education held its annual Mother-Daughter banquet on Thursday evening, March 31st, at the Wachusett Country Club in West Boylston.

Miss Madelin A. Wilmarth, faculty advisor for the Association, extended greetings. Joan R. Moreschi, president, welcomed the guests and members, and introduced the Club officers: Mary R. O'Gorman, vice-president, Patricia Sherry, treasurer, Ann Houlihan, secretary, Joan B. Jakstis, senior social chairman, and Shiela B. Cronin, sophomore social chairman. Joan Jakstis was toastmistress for the banquet.

President Eugene A. Sullivan extended his greetings to the guests. Next on the program was

Excelsior Electroluminescence

Perhaps one of the most interesting of the newer discoveries of science which has both practical as well as theoretical value, is that of electroluminescence. Upon closer examination, newer discoveries; is probably not quite correct, since naturally occurring phosphorescent materials have been known to exist for several thousands of centuries. In 980 A.D., the Japanese first noted that calcinated oyster shells could store up light by day and give it off by night.

Much work was done in the fields of luminescence and photo-conductivity in the 19th century, but these experiments proved of scientific but not of practical value. In the 20th century, Destriau reported that if certain phosphors were applied with a strong field, without first having stimulated them with ultraviolet rays, they would give off a transient light emission and that if the field were to be alternating the light emission would remain relatively constant. This discovery remained relatively dormant until 1950 when a practical lamp was perfected. Commercial production of the lamp has been going on since.

This type of lamp generates a sheet of light, not more than a few thousandths of an inch thick, by direct electrical excitation of a phosphor embedded in a dielectric (non-conducting material) layer. This light emitting surface can then be applied directly to a thin piece of metal, giving a lamp no thicker than half a dozen pages of a magazine.

The uniformity of brightness over large areas, combined with extreme thinness, makes the lamp ideal for various lighting uses, such as clock dials, instrument dials, radio panels, aircraft panels, telephone dials, highway signs, and decorative lighting.

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Dr. Elizabeth V. Foster who also extended her greetings.

The orchid — there has been one donated every year by Dr. Foster — was won by Carolyn Bohmann's mother.

Mrs. Rose Sullivan kindly read some of her original poems to the guests.

The main speaker was Dr. John E. Sullivan, who gave an interesting, delightful talk.

Entertainment was under the direction of Lauraine Longval, who planned a very enjoyable program. Mrs. Longval accom-

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The Acorn

The ACORN is a student publication of the State Teachers College at Worcester, Massachusetts, published monthly; it is printed by the Saltus Press, located at 41 Austin Street, Worcester, Massachusetts.

Editor-in-Chief	Dana Straight
Managing Editor	John Lynch
Secretary	Joan Bruazis
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Faculty Advisor	Dr. Carleton Saunders
Assistant Faculty Advisor	Mr. Joseph Foley

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EDITORIAL

We apologize for the size of the paper but our budget has been shortened considerably because of our two recent eight-page issues. Response on the part of the student body to contribute to the ACORN has been tremendous and we are very thankful. We hope that our next issue, due to come out the latter part of May, will be the best yet.

Thank you, student body, for your support.

To The Editor

To the Editor of the Acorn:

Concerning the article pertaining to loyalty oaths in connection with the Federal Defense Education Act and the marvelous (though slightly inaccurate) presentation in defense of same in your last issue, I think the following comments or clarifications, if you will, are in order.

Author, quite a flag waver, is certainly too well educated not to have taken into consideration that the principal objections to this oath, as enumerated below, are only too consistent with a type of Americanism which this oath, reminiscent of a nineteen-fiftish mental outlook epitomized by a senator from the state of Wisconsin, can only harm.

Objections herein noted:

- (1) Implication present that when one particular group is singled out from all others and required to take such an oath, that this group is somehow more suspect than all other groups.
- (2) Any students applying for loans under this act have to take a standard oath of allegiance to support the Constitution and laws of the United States, so that the loyalty oath is superfluous.
- (3) As stated by President A. Whitney Griswold of Yale, "This affidavit smacks of the oppressive religious and political test oaths of history, which were used as a means of exercising control over the educational processes by church and state."
- (4) Lastly, any person who is disloyal or potentially disloyal would feel no compunction about taking such an oath, so, to all intents and purposes, it serves no purpose.

S. O. Terik

Ed. Note: This topic seemingly boils down to an individual's viewpoint, and as such all of us have our own opinion.

The Trouble In The Senate

No one who has read a paper in the last two or three weeks could have missed the news about the debacle in Washington. I am writing, of course, about the furor caused by the Civil Rights Bill introduced by Senator Johnson. This filibuster by the southern senators is a disgrace. The issue is larger than the bill itself, which is relatively unimportant. The question is, can a group of determined politicians hold up and delay the wheels of government? They can, and it is a sad commentary on our U. S. Senate when this delay is allowed to occur. Much important and pressing legislation is lying dormant — not to speak of the waste of taxpayers money.

Surely some legislation can be enacted which will ban filibustering of this type. The House of Representatives long has had one, rule whereby a member can't speak longer than one hour on a bill. Something of this sort would eliminate much useless speech-making and wasting of time. Filibusters are only the last desperate attempt of a minority to gain a few concessions. They wouldn't be missed, not by the people of the country.

The only opposing argument by many senators is that they might themselves want to use filibusters in the future. That is a weak argument at best, one which shouldn't keep the senators from changing the laws on the control of debate.

Wm. Flannery

And The Ear?

WASHINGTON, March 14 (AP) —Senator Norris Cotton (R-N.H.) has this comment on several weeks of continual civil rights debate:

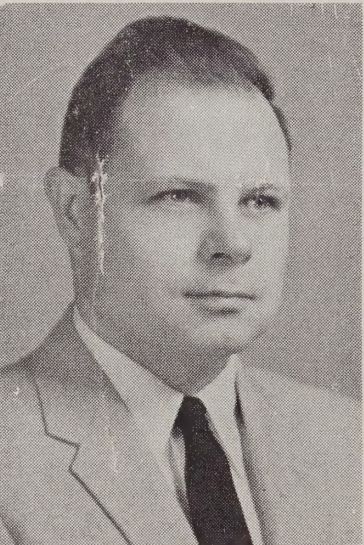
"The human body is a marvelous mechanism, and the endurance of the human jaw is beyond belief."

Dr. Robert F. Perry, Jr.

In September of this school year, Dr. Robert F. Perry, Jr. was welcomed to the faculty of Worcester State Teachers College. Dr. Perry, professor of geography, is a native of Claremont, New Hampshire. His background is exceptional in many respects. He attended public schools in Nashua, N. H., and Reading, Mass. Having graduated from high school, he began further study at M.I.T. At the outbreak of the war, Dr. Perry volunteered for service. From 1942-1946 he served with the Navy Amphibians in the Pacific theater. Later, during operations in New Guinea, he was a jungle fighter and subsequently hospitalized.

After being discharged, he returned to his studies, this time at Amherst College where he subsequently received his A.B. degree Cum Laude in 1949. He holds majors in geography, history, and mathematics. His graduate program was undertaken at Syracuse University where he earned his M.A. degree in 1950. Dr. Perry received his Ph. D. degree from Clark University in 1957. He has also studied at Williams College, Northwestern University, and has been to every continent with the exception of Africa and Antarctica.

Among the numerous organizations of which Dr. Perry is a member are Theta Delta Chi, Sigma Xi, the National Council for Geographic Education, the Association of American Geographers, New Hampshire Historical Society, the American Geographic Society, the Royal Scottish Geographic Society and the Clark University Geographic Society.



Prior to taking his position here, Dr. Perry had taught at Syracuse University, Miami University, Salem State Teachers College, Bridgewater State Teachers College. Dr. Perry is married and has two children, Robert Perry III and Joan E. Perry, both pupils in the elementary grades.

Dr. Perry enjoys sports and has a particular fondness for farming. When leisure permits, he escapes to his homestead in N. H. He has written two books, a manual on elementary geography, and several articles for professional journals.

Dr. Perry's ambition seems boundless. During the April vacation he attended the Association of American Geographers at S.M.U. in Texas. On August 6 he plans to attend the Conference of International Geographical Union in Stockholm, Sweden.

In closing Dr. Perry stated that he was very pleased to be associated with such high caliber faculty members. He also mentioned the fact that he has been impressed by the student body and their sincere interest to further themselves by academic achievement and intellectual development.

We are indeed fortunate to have Dr. Perry with us, and we hope that his experiences here will be pleasant and rewarding.

A. C. E.

(Continued from Page 1)

panied Carolyn Bohmann's singing at the piano. Several freshman girls sang. Credit should be extended to the junior girls for the original skit they presented. Entertainment concluded with group singing.

Head table guests were Miss Madelin A. Wilmarth, her aunt, Mrs. Anna Halpin, Mrs. Rose Sullivan, President Eugene A. Sullivan, Dr. John E. Sullivan, Dr. Elizabeth V. Foster, Mrs. Paul Moreschi, Joan R. Moreschi, Mrs. Anthony G. Jakstis, and Joan B. Jakstis.

The faculty was well represented by Dr. and Mrs. Carleton E. Saunders, Mrs. Helen G. Shaughnessy, Mr. Vincent R. DeBenedictus, Miss Vera A. Dowden, Mr. Achille A. Joyal, Miss Rita M. L. Morris, Dr. Anne F. Millan, and Miss Helen M. Smith.

J. J.

Mr. Loren N. Gould

One of the newer members of the faculty at State Teachers College, Mr. Gould is a native of Worcester. Commerce High School is his alma mater followed by four years at Clark University. While at Clark, he acquired an A.B. degree in geography, and a wife — not necessarily in that order. He is a member of the National Gamma Theta Epsilon with honors in geography.

The U. S. Army had control over him for three years during which time he served in Newfoundland. Upon leaving the service, Mr. Gould served in the National Park Ranger Service. Coulee Dam National Recreation Area near Spokane, Washington was his home for approximately sixteen months. His comment on the Northwest was revealing. "The scenery is beautiful, but the lack of people is disconcerting." He has visited 45 of our 50 states in the Union.

Outdoor life, supernatural, and Orwellian type literature are his main interests outside of the teaching profession. Mr. Gould is an interested spectator at most sports activities.

Mr. Gould is a member of several professional organizations, outstanding of which is the Association of American Geographers and the National Council for Geographic Education. He has also edited the publications of Geological Survey.

In regards to life at State Teachers College, Mr. Gould has a favorable impression. A sense of strong esprit de corps is evident in the various sections of each class. He feels this is a good morale building factor. State Teachers College also recognizes the individual more so than a large university would, according to Mr. Gould.

Teaching he enjoys. As he told this reporter, "Something new and different arises everyday and the challenge is one he gladly accepts."

don mcgrath

Clark Biologists Receive \$13,574 Grant

STUDY OF LICHENS IS SUBJECT OF TWO-YEAR GRANT
WORCESTER, Mass., April 8—Two Clark University biologists have received a two-year grant of \$13,574 to study the biological activity of lichens and their possible use as fighters against tuberculosis.

The grant was awarded by the the National Institute of Health to Dr. Vernon Ahmadjian and John T. Reynolds, both assistant professors of biology at Clark University.

Lichens are plants which grow on stones and the bark of trees. They have become a focus of biological interest because of the chemical compounds they possess. These compounds, called lichen acids, are believed to restrain the growth of many types of molds and bacteria, including the bacterium which cause tuberculosis. The two biologists are seeking a way to test these acids against molds and bacteria. One possible result of the study might be a lichen substance which will kill tuberculosis bacteria.

* * *

News Bureau, Clark University.



Rain

The rain of winter is like a dismal solitary stranger, friendless and unwilling to make friends.

The rain of spring is like a shimmering silver screen, cleaning the earth with a delicate touch.

The rain of summer is a God sent thing, gently caressing the hot dry earth like a cool hand on a fevered brow.

The rain of autumn is like a tiny elf leading a barrage of drummers as the raindrops boom on the crisping leaves.

Rain is a curse, a blessing; ugly, beautiful; hated, welcomed; but always an offering of God.

Charlotte Ruberte

FAITH

Day in, Day out, Each one of us is afflicted by problems galore. We search all the time in quest of the rhyme that will let us be bothered no more.

Yet where would we be without all of these? Utopia? No. Not for this life. It seems that we're doomed forever entombed in this maze of toil and strife.

When problems cease there is nothing to do—nothing but sit back and wait. Wait for The day, and evermore pray that that which is ours is The Right Fate.

Joseph J. Cooney



Nancy L. Davis Senior

For this month's Student on Parade column, we have chosen a petite senior elementary, Nancy L. Davis. This green-eyed and blonde-haired lass, was a native of Charlton, was born Dec. 18, 1938, making her 21 in our book.

A honor graduate of Charlton High in 1956, she was secretary of her class for four years, active in the dramatic club, a member of the glee club, and girls' basketball manager for two years.

During her spare time, if there was any, she played the organ for the Sunday School classes of her church.

At WSTC, she has been active in the WAA, the Student National Education Association, American Childhood Education, and a frequent food sale contributor. (They say her cakes are simply "scrumptious").

Nan did her practice teaching at the elementary school in Charlton with the second grade.

Her hobbies include music, (she is an excellent pianist), reading, swimming, and she "simply adores" little dogs.

Nancy says she dislikes wind, insincere people, instant coffee, egg foo yung, and her middle name (Louise).

Nan has a sister, Sally, an 18-year-old senior at Charlton High, and a future student at WSTC.

Five feet one inch tall, this cute little lass has a winning smile, and we predict great success, whatever her endeavor.

J. L.

REGINA HOUSTON Freshman

This issue of the *Acorn* has chosen to honor Miss Regina Houston, a member of the Freshman class. Regina is a perfect example of school and class spirit personified. Pretty, vivacious, and displaying a pleasing personality, she is a conscientious worker in school activities.

Regina was graduated from the High School of Commerce where she was active in the Student Council, the History Club, the Dramatic Club, and on the tennis team. She served on the editorial board of her class yearbook and the ring committee and was elected to serve as "flower-girl" for the class day ceremony.

At W.S.T.C. she is a member of the Newman Club and the A.C.E. She was chosen to reign as the lovely queen of the Freshman Prom. Regina's ambition is to teach in the kindergarten or the primary grade area.

All the best to you Regina, we wish you success in everything you do.

J. B.

Thirteenth National Student Congress

August 22 - September 1, 1960
University of Minnesota,
Minneapolis, Minnesota

The Congress:

Theme—"A World in Transition: Students in Action."

Dates: August 22, 1960, first session at 3:30 p. m., to September 1, 1960, closing at 2:30 p. m.

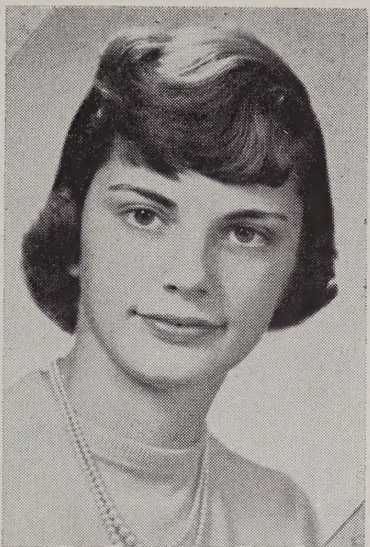
Special Conferences:

Student Body Presidents Conference. August 17-22.

Student Editorial Affairs Conference, August 17-22.

NSA Coordinators Conference, August 19-22.

Workshop for Deans and Advisors, August 27-31.



Adrianne Sherman Junior

"Aidie," as she is affectionately known by her host of friends, has been with us almost three years now. In that time we have come to know and admire her many fine characteristics. She hails from Wareham, Massachusetts and is a graduate of Wareham High School.

While attending school "Aidie" received the Bausch and Lomb Honorary Science Award. Several of the clubs that she belonged to are Spanish Club, Science Club, Girls' League, Girls Sports Club and the National Honor Society.

It has been said that "Aidie" has an abundance of charm, wit and sincerity. This is in evidence by all of those who know her. She is an avid bowler and is one of the most loyal, vociferous, and animated "backers" of W.S.T.C.'s athletic teams. She was an ever present fan at the basketball games last winter.

A science major, "Aidie" hopes to teach science on the Junior High level after graduation. In our opinion this young lady has the qualifications to bring credit to herself and to our college. That's our "Aidie" Sherman.

John MacWade



Best Sellers

I Beat Drums with the Mau Maus for Fun and Profit — by Jungle Jenny.

I Found Adventure at the Winter Carnival—by Frank Buck.

It Started Out as a Slip-Cover — by Betsy Ross.

We Can't All Be Perfect — by Benedict Arnold.

The Mayflower Didn't Smell Like One — by Miles Standish.

Mike Mulcahy

JANICE GEMMA Sophomore

Janice graduated from Venerini Academy in 1958. While attending the academy she was the recipient of many honors. In her junior year she was Historian of C.Y.C. and a member of the basketball team. The senior year she was kept busy as class secretary, spiritual chairman (area C.Y.C.), Student Government Day representative in Boston, President of Catholic Youth Council and delegate to the National Convention in Philadelphia. Janice was also an active member of the National Latin Honor Society, Glee Club, Science Club, and was a semi-finalist in the Diocesan Declamation contest.

Here at W.S.T.C. Janice is a secondary Math - Science major and hopes someday to teach Biology. She is a member of the Science Club, Glee Club, active in the Newman Club, was on the Freshman Dance Committee and is currently the chairman of the Dance Order Committee for the Sophomore-Senior Prom.

Practical and useful hobbies are also her talents, enjoying sewing and even making her own clothes. She also enjoys sports whether it be as an active member or as an observer.

With all these fine qualities Janice can not help but bring honor and prestige to herself and her college.

E. G.



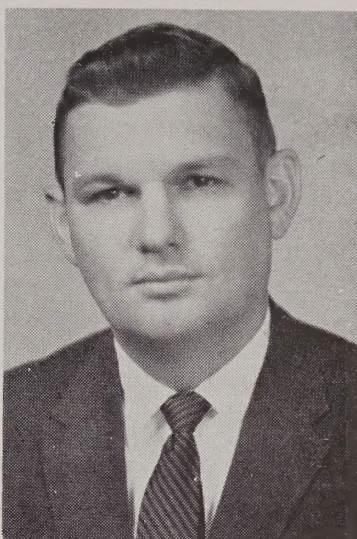
Newman Club Events

The Newman Club is planning two final functions for the 1959-60 school year.

A Communion Breakfast to be held Sunday, May 1.

An Honor Mass for the seniors to be held Friday, June 3 at 10 a. m. at Christ the King Church on Pleasant Street. New club officers will be installed during the mass. This year parents are being invited to attend the mass and the coffee hour which will follow.

We hope that all member will participate in this year's final club events so that they may be truly successful.



Mr. Harold Chapman

A native of Brewer, Maine, Mr. Harold L. Chapman, instructor in the physical science department, joined our faculty early this year. Mr. Chapman graduated from Bangor High School in 1943. Shortly thereafter he entered the army and was stationed in Europe. Mr. Chapman received his B.S. degree in Education from the University of Maine in 1950. He had also studied at Purdue University and Farmington State Teachers College. In 1954 he received a M. Ed. degree from the University of Maine, and in 1959, he received a M.S. degree from Syracuse University. At Syracuse he was awarded the Academic Year Scholarship. He has also done advanced study at W.S.T.C. and Northeastern University.

Mr. Chapman is a member of the following organizations: Kappa Delta Phi, a social fraternity at F.S.T.C.; Kappa Delta Pi and Phi Kappa Phi, scholastic organizations.

For nine years Mr. Chapman has been a commanding officer, Co B 1st Med Tank Battalion, 110th Armor, Mass. Army National Guard, Hudson, Mass.

Mr. Chapman is married to the former Priscilla Roberts, who is also a graduate of the University of Maine, and they have three boys.

For seven years, Mr. Chapman taught science, math, and driver education at the Westboro High School.

Among Mr. Chapman's many interests are included working as a recreational therapist at the Westboro State Hospital during the summer months. He plays both the saxophone and the clarinet in a dance band at the hospital. In the area of sports, he particularly enjoys hunting and fishing. He is a member of the PTA, American Legion, and a former member of the Players Club in Westboro among other organizations.

From this brief biographical sketch, one can see that Mr. Chapman enjoys going to school, and although his future plans are not definite at this time, he is hoping to do further study.

In closing, we wish to extend a warm welcome to Mr. Chapman and to wish him many future successes and rewarding hours here at W.S.T.C.

Hogarth In Boston

The Boston Museum of Fine Arts has recently exhibited 41 of William Hogarth's prints. These prints or engravings were taken from oil paintings by Mr. Hogarth (1697-1764).

English Literature books and European History texts often contain one or two of Hogarth's prints, for they depict well what 18th-Century life was like. It is not often that one hears people laugh in an Art Museum but Hogarth's insight into the people and the problems of the day is certainly amusing and good cause for a muffled chuckle.

Hogarth stated that he intended to treat his subjects as a dramatic writer would and this results in such series of prints as *The Harlot's Progress*, *The Rake's Progress*, and *The Election Series*. He also has engraved three prints named *Morning*, *Noon* and *Night* which give good examples of life in the streets of 18th-Century England.

Gin Lane and *Beer Street*, perhaps his most popular works, were the cause of much close scrutiny by the Museum visitors. Gin, he calls, "cursed fiend" while beer is referred to as "the blessed produce of our isles" in the poetic captions under the prints.

Hogarth makes his pictures seem alive. They are filled with minute details. The characterizations of the people in the pictures is delightful. You feel, on seeing the prints, as if you know some of the individuals. By supplying extensive captions to each picture, the Boston Museum provides an extra help so that the visitors do not miss any of the action or objects in the pictures.

Hogarth seems to stress the confusion of the times. He points this out in most engravings by making the top half of his scenes serene, quiet and pastoral. This makes great contrast with the chaotic scenes below. From a fowl flying past trees blowing gently in the breeze the eye descends to a man being knocked off a sedan-chair by a fight which is breaking out below him!

J. C.

Excelsior

(Continued from Page 1)

Electroluminescence is truly one of the newer frontiers of science, and is being explored as a theory in solid-state physics, and as a practical application of newer lighting methods.

BOOK REVIEW

"Readings In Philosophy Of Science"

Arranged and Edited by Philip Wiener

Science and Philosophy are perhaps two of the most fascinating and provocative topics in the world, and are more closely related than most people would imagine. According to one of the many definitions of Philosophy, it is the search for truth and reality. Certainly, from this description the relations of the two are quite obvious. Much of the scientific method, namely induction, deduction and other logical principles is also the working foundation for the philosophic method.

In this book the two fields are admirably interwoven. The volume is in four parts; mathematics and physics, biology and psychology, the social sciences, and philosophical analyses and syntheses. The contributions are written by many of the world's greatest philosophers, researchers, and pure scientists. Among the contributors are Lord Bertrand Russell, Albert Einstein, Sigmund Freud, Alfred North Whitehead, and Charles Darwin. Michael Feer.

AWAKE

I awake—
To find I cannot live in a world
of dreams:
Too often I have wanted
All my dreams a reality
But I awake—to find my dreams
not true.

I descend—
To the lowliness of man in his
petty world.
Hoping to see my dreams may
someday come true.
But I awake—to the sad plight
of man.

I hope—
(A word not often used.)
For many things to come.
To see love, peace, equality, and
humility
To come for all.
But I awake — to find I hope
alone.

I dream—
That all may someday hope with
me
To see my dreams come true:
To live with love for all.
But I awake—to find my dreams
not true.

Joan Moreschi

Music

Now some people like concerts
With their flutists and their viols
And talk of the old classics
And the operatic style
They dote on suites and arias
And tunes of great renown,
And speak of great Debussy
And the latest thing in town;
Of philharmonic orchestras
And men of well-known name,
Sibelius and Beethoven
And those of equal fame.

And some people like the new
style,
Call it jazz or call it swing.
They talk of Shaw and Ellington
And hold that Glenn is king.
They simply love the sweet swing
And the ballad that is mild,
And also are in ecstasy
When a hot trombone runs wild.
They speak of blues and barrel-
house
Of Larry Welk's new band,
They yearn for old New Orleans
And the old-time Dixieland.

But let them have their likings
And choose just as they do,
Whether it's the opera
Oh a rhythm that is blue,
They may like the Old World's
music
Or the song of Basin Street,
Or the music of the trombone,
Be it hot or be it sweet.
They may like the stately sym-
phony
Or dote on Doctor Miller.
They may buy the newest album
Or the latest killer-diller.
But I'm an in-betweenery;
And if I like the new,
I'm more than willing to admit
I like the classics too.

Charlotte Ruberte

To Be Alone

When once the mood of melan-
choly ease
Engulfs one's mind and soul with
pensive thoughts
Tis time to put aside all thoughts
but these,
Lay down ambitions, standards,
goals you've sought
And be alone.

Beneath the rock of every hu-
man's heart
There lies a spring which opens
by a rod,
Held in the hand of Nature from
the start,
That brings a close communion
with your God
And leaves you not alone.

And so it is that everyone must
find
A special place in city, town or
wood
And open up his heart, soul and
mind
To find the peace it gives, and
all the good,
To be alone.

J. T.

Are You Guilty?

We are trying to track down
a minority of students who are
frequent violaters. Perhaps af-
ter reading this article, you will
know who these violaters are,
and why they must be found and
sentenced. Have you ever left
the cafeteria as some of these
people have? "I'll just casually
get up and while discussing the
most earth-shaking problem in
the world, I'll gracefully forget
that I'm leaving behind me a dirty
coffee cup and my lunch bag."
"I don't see why I should have to
bring my rubbish back, I've got
better things to do." Here we
have the two most common vio-
laters. Do you fit the descrip-
tion? The trials are to be held
in your own minds. Are you
guilty? If so, pass your own
judgement and make your own
sentence. After a few trials, I'm
sure that Worcester State Teach-
ers College will have the most
appealing cafeteria in the state!

Ethel A. Helgesen

Certification

(Continued from Page 1)

- 2. Birth certificate or other evi-
dence of American citizen-
ship.
- 3. Doctors' certificate of good
health.
- 4. Names of five persons who
will testify to your good moral
character.
- 5. Must have completed the re-
quired number of semester
hours of preparation at the
college level in the major and
minor subject fields.

Required Elementary Courses

- 1. Bachelors Degree.
- 2. Included in each candidates
program or preparation there
shall be a minimum of 18
semester hours of education
courses approved, with not
less than 2 hours of super-
vised student teaching. The
remaining semester hours
shall include courses covering
2 or more of the following
courses:
 - a. Educational Psychology.
 - b. Philosophy of Education.
 - c. Methods and Materials in
Elementary Education.
 - d. Curriculum Development in
Elementary Education.

Required Secondary Courses

- 1. Bachelors Degree.
- 2. Minimum of 12 semester hours
in Education Courses, with
not less than 2 hours of su-
pervised student teaching. The
remaining semester hours
shall include courses covering
2 or more of the following
courses:
 - a. Educational Psychology.
 - b. Philosophy of Education.
 - c. Methods and Materials in
Secondary Education.
 - d. Curriculum developm ent
in Secondary Education.

3-5; Nick Over Ivan

In a recent class discussion,
the value of using abstract ex-
amples as opposed to realistic
examples in the learning process
was the topic of conversation.
Those who adhered to the values
of the "Dick and Jane" type of
learning experiences found them-
selves confronted with a school
of thought which held that real-
istic, up to date examples should
be used in our classrooms. As-
suming the latter viewpoint was
victorious, we have formulated
the following "realistic" exam-
ples for various courses.

- Primary Readers**
Look. Look. Look.
Look at Nicky.
Nicky has a new gun.
Look at Nicky's new gun.
Oh Look. Here comes Ivan.
See the shiny gun, Ivan.
Oh look.
Look at Nicky shoot Ivan.
Bleed Ivan, bleed.
- Mathematics:**
1. Assuming the blade was twenty
feet above the block and
weighed twenty pounds, how
fast was it going when it guil-
lotined Louis XIV?
2. A bullet weighing .06 grams
has a muzzle velocity of 4200
ft./sec. Assuming Mrs. Finch
was 40 feet away, determine:
(a) the force of impact;
(b) the distance she ran be-

- fore she fell;
(c) the radius in cm. of the
point of entry of bullet;
(d) the radius in feet of point
of exit;
(e) how much blood per sec-
ond did she lose through
the holes, and
(f) how long before she bled
to death.
- The coefficient of coagulation
of blood is 0.035/liter.
3. If a lethal dose of cyanide
gas is .0345 gr./liter of air,
how many pounds of the gas
had to be introduced into a
gas chamber 5x5x8 ft. before
Barbara Graham died.
- Science:**
Explain and diagram the con-
nections necessary if a bomb, at-
tached to the car of the Untouch-
ables, is to explode when the car
reaches a speed of 23 miles per
hour. Where should the bomb be
placed to do the most good?
- James F. McGuirk

He Has Not Paid!

By JOHN F. GAUMOND

At this moment, in a cell in San Quentin Prison in Cali-
fornia, Caryl Chessman is waiting to die. He has been waiting
since July 3, 1948. During this time the convicted kidnapper-
sex pervert has managed to evade execution eight times. The
most recent reprieve was granted on February 19, 1960 by
Governor Edmund F. Brown.

The facts concerning Chess-
man's fight to avoid death in the
gas chamber have been publi-
cized in newspapers and maga-
zines throughout the world. What
seems to be forgotten are the
crimes committed by this man,
crimes so horrible that they can-
not be printed. On the basis of
evidence presented, a jury con-
victed Chessman on 17 counts,
ranging from kidnapping with
bodily harm, (which is punish-
able by death under California
law) to attempted rape, robbery,
and automobile theft. This was
nearly twelve years ago — and
today this criminal is still alive.

There are those who say that
Caryl Chessman has suffered
enough, waiting these twelve
years for death to come. He may
have suffered, but he has not
paid for his crimes according to
law. If society is going to elim-
inate capital punishment, then it
should do so now. If not, then,
I believe that society has the re-
sponsibility to see that persons
convicted of crimes which are
punishable by death do not play
cat and mouse with the law.

Persons, so convicted should
not be allowed to spend years
shouting that they have evidence
to prove their innocence, and then
produce no such evidence. They
had an opportunity to live in
society as worthy contributing
members; however, they chose
instead to endanger the welfare
of the other members of that so-
ciety; to offer nothing except
violence, perversion, misery, and
evil.

When a person commits a crime
against society and when, by the
processes of law, he is appre-
hended, tried, found guilty, and
sentenced to die — this sentence
should be carried out!

- 3. At least 18 semester hours in
a subject matter specialty are
required for a certificate in
that specialty. (Stated differ-
ently, a subject matter certifi-
cate is issued for any spe-
cialty area in which you have
accumulated at least 18 sem-
ester hours of credit).

In summary may I say that the
preceding information is by **no
means official**; nevertheless, I be-
lieve it can serve as a basic guide
in planning your future college
program. Just remember, keep
track of what you take!

stan nelson



L. to R. Front; Antoinette Allen,
(known as "Mrs. A."), Ann Kal-
asa. Back; Alice Whitney, (pro-
prietor), and Mae Sullivan.

"Waiter"

"Waiter, there's a fly in my
soup."
"Alright! I'll bring you a fork!"

"Waiter, there's a fly in my
soup."
"That's strange. What kind of
soup is it?"

"Waiter, there's a fly in my
soup."
"That will be ten cents extra,
please."

"Waiter, there's a fly in my
soup."
"Indeed, I guess we just forgot
to put it on the menu."

"Waiter, there's a fly in my
soup."
"Ah, cornered at last."

"Waiter, there's a fly in my
soup."
"Wait'll you see the coffee."

"Waiter, there's a fly in my
soup."
"Well, do you blame him? That
soup's good stuff."

"Waiter, there's a fly in my ice
cream."
"Let him freeze; it might teach
him a lesson.
The little rascal was in the
soup last night."

Mike Mulcahy

Coffee and
Conversation In
The Cafeteria

"Hi."
"Hi!"
"How are things?"
"Pretty good thanks, And You?"
"I'm O.K. Except that it's Mon-
day."
"Nice Weekend, hunh?"
"I'll say. Boy is this line slow!"
"Alice must have gone to Brazil
for the coffee."
"Ha ha! That's pretty good."
"Get me a spoon, willya?"
"Hey Joan, would ya pass down
two spoons? Why don't we ring
the bell?"
"No, that's rude."
"O.K. We won't."
"Did you ever have ——— in
class?"
"Ya. When I was a Freshman."
"Awful!"
"Terrible. I slept."
"What did you get for a mark?"
"One large "C"!"
"Thanks for the spoons, Joan.
Boy is this line slow!"
"Shall I get two regular?"
"No, I haven't been sleeping
. . . I see footnotes in place of
sheep. I'm gonna have hot Choc-
olate. That means an additional
five minutes!"
"We had a Biology test Fri-
day."
"How did you do?"
"Pretty good. YOU know we've
got a lot of veins and arteries in
our bodies!"
"I know. I was a freshman
once."
"O Yeah. I forgot."
"Nice, isn't she?"
"Who is she?"
"I've never seen her before."
"Very, very nice!"
"Here comes Alice."
"Ohhhh."
"I said "Here Comes Alice."
"I'm sorry, I was not paying at-
tention."
"Obviously."
"One coffee and one hot Choco-
late.—Coffee reg."
"Thanks."
"We'll see ya."
"O.K."

By J. C.

FLASH

The musical production of the
semester, **The Undesirables** fea-
turing Al Postpone vs Eliot Mess
has been postponed indefinitely
due to the main characters de-
veloping ptomaine bullet poison-
ing. The response to this calam-
ity has been CENSORED.